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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/01384

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G02B 6/26, 6/42

US CL : 385/50, 125

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 385/14,39,123,129,130

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
INSPEC

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
photonic near3 crystal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P ✓	US 6,542,682 B2 (COTTEVERTE et al) 01 April 2003 (01.04.2003), see figure 22, column 11, lines 5-39.	1-16, and 18-29
X, P ✓ — Y, P	US 2002/0021878 A1 (ALLAN et al) 21 February 2002 (21.02.2002), see figure 25, [0064].	1-2,4-9, 11-16, 19-24, and 26-29.
Y ✓	US 2001/0026668 A1 (YAMADA) 4 October 2001 (04.10.2001), see figures 8 and 9, [0132] - [0137].	3,10,18, and 25 1-16, and 18-29
Y ✓	JP 2001281480 A (YAMADA) 10 October 2001 (10.10.2001), see figure 4, abstract.	1-16, and 18-29

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:		*T	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*A	document defining the general state of the art which is not considered to be of particular relevance	*X	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
*E	earlier application or patent published on or after the international filing date	*Y	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
*L	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*&	document member of the same patent family
*O	document referring to an oral disclosure, use, exhibition or other means		
*P	document published prior to the international filing date but later than the priority date claimed		

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